

SPLIT

Work Order ID 111634-7

111634-7

Page 1

January-20-14 10:57:28 AM

Item ID: D4901-2 Accept *N900040100* Setup Start *NS1*
 Revision ID: Stop *NS2*
 Item Name: Aft Skipaw, RH
 Start Date: 20/01/2014 Start Qty: 15.00 *15* Cust Item ID:
 Required Date: 20/02/2014 Req'd Qty: 15.00 *15* Customer:
 Reference:

Approvals: Process Plan: MP Date: 14-01-20 Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D4901	<u>Ba</u>								
105	FLOW WATER JET	0.00							
105									
Waterjet	Memo	0.00							
FLOW CNC Waterjet	Cut Blank as per D4901-1-2_BLANK File								
110		0.00							
110									
Purchasing	Memo	0.00							
Purchasing	ISSUE P.O. <u>22691</u>								
	POSSIBLE SUPPLIER: WEJAY								
	C OF C REQUIRED								
112	Receive & Inspect for Damage & Mat'l Certs	0.00							
112									
Packaging	Memo	0.00							
Packaging									

8 0 Jm 14-01-19

CL 14/01/20 B 8

Supp/25 (15)

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
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Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence
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Approvals: Process Plan: Date: Tooling: Date: Run Start *NR1*
 QC: Date: SPC (Y/N): Date: Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
115 *115* QC Quality Control	QC6- Inspect dimensions to drawing Memo	0.00 0.00		EMP 14/2/25		15			
160 *160* Packaging Packaging	Identify as per dwg & Stock Location: 6A Memo	0.00 0.00			DAS 30 9-89	15			14/02/25
170 *170* QC Quality Control	QC21- Final Inspection - Work Order Release Memo	0.00 0.00							MLJ 14-02-27 ME H-2-28

DQA: _____ Date: _____



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Picklist Print

January-20-14 10:57:32 AM

Page 1

Work Order ID: 111634-7

111634-7

Parent Item: D4901-2

D4901-2

Parent Item Name: Aft Skipaw, RH

Start Date: 20/01/2014

Required Date: 20/02/2014

Start Qty: 15.00

Required Qty: 15.00

Comments: IPP REV:A NEW ISSUE JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
---------------------------------	------------------------	---------------	-------------	---------------------	------------------	-----------------	--------------------	----------------	-------------	--------------	---------------	----------------	--------

D4901-2P		Purchased		No			Each	0.0000		15			
----------	--	-----------	--	----	--	--	------	--------	--	----	--	--	--

D4901-2P

Aft Skipaw, RH

MUHMWB10		Purchased		No			sf	534.7082		253			
----------	--	-----------	--	----	--	--	----	----------	--	-----	--	--	--

MUHMWB10

UHMW 1" Black - 48"x120"

Tivar Mfg.#52480104

**

**

14/2/15 (15)

135

Jm 14-01-19

Location

Loc Qty

Loc Code

MAT018

534.7082

121278

9.6282

122575

47.6

123229

53

123949

6.96

124758

17.52

m127891

400

127891

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

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Work Order update only ☐

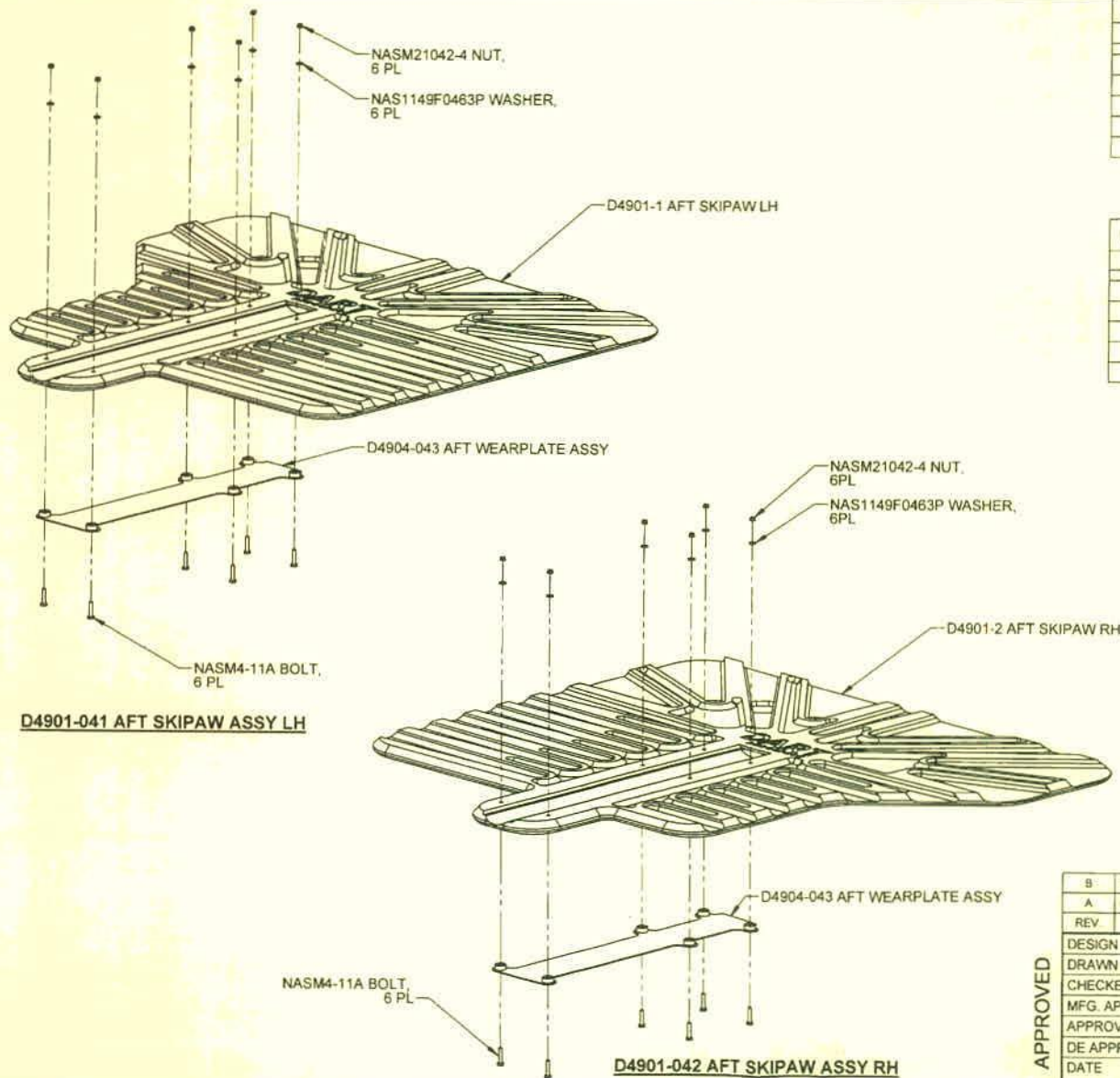
Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
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FAULT CATEGORY

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8 7 6 5 4 3 2



ITEM	QTY	P/N	DESCRIPTION
	X	D4901-041	AFT SKIPAW ASSY LH
1	1	D4901-1	AFT SKIPAW LH
2	1	D4904-043	AFT WEARPLATE ASSY
3	6	NASM4-11A	BOLT
4	6	NASM21042-4	NUT
5	6	NAS1149F0463P	WASHER (AN960-416)

ITEM	QTY	P/N	DESCRIPTION
	X	D4901-042	AFT SKIPAW ASSY RH
1	1	D4901-2	AFT SKIPAW RH
2	1	D4904-043	AFT WEARPLATE ASSY
3	6	NASM4-11A	BOLT
4	6	NASM21042-4	NUT
5	6	NAS1149F0463P	WASHER (AN960-416)

111634-7 MP
14-01-20

RELEASED
2013-12-05

B	REMOVE POCKET DETAIL FROM -1A-2 (SH 2, 3).	DB	13.11.20
A	NEW RELEASE	DB	13.07.22
REV.	DESCRIPTION	BY	DATE
DESIGN	DB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DB		
CHECKED	AP	DRAWING NO.	REV. B
MFG. APPR.	JLM	D4901	SHEET 1 OF 3
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	AFT SKIPAW	NTS
DATE	13.11.22	<small>COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COMMERCIAL OR INDUSTRIAL PURPOSE WITHOUT THE WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	

APPROVED

8 7 6 5 4 3 2 1

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

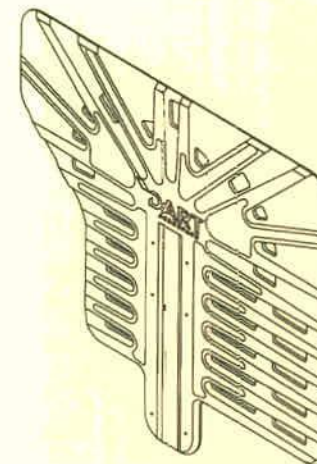
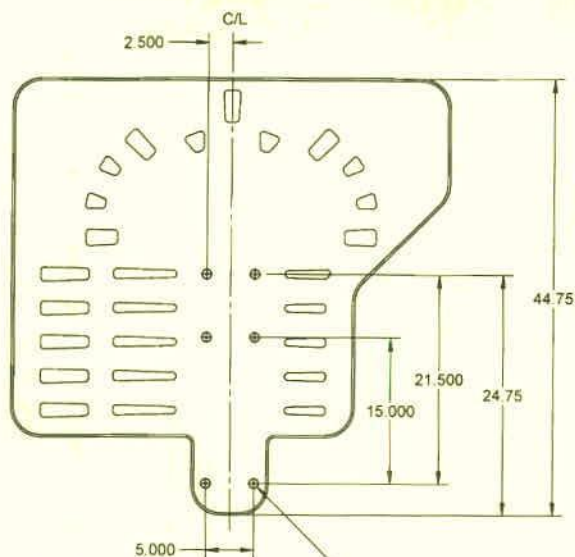
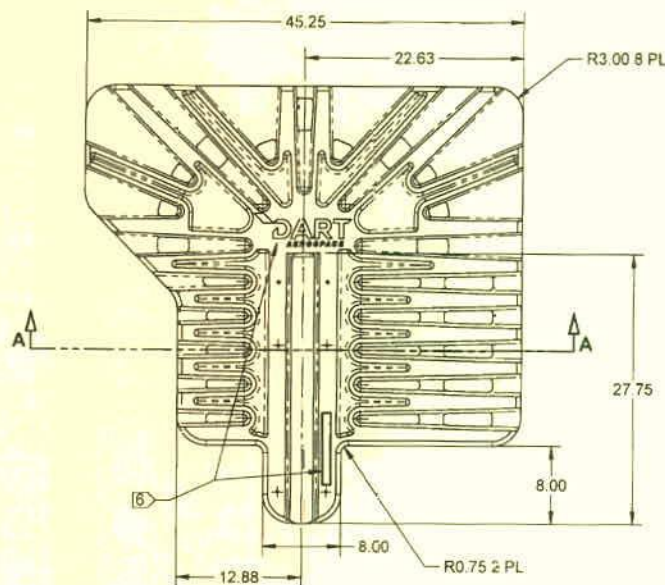
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FAULT CATEGORY

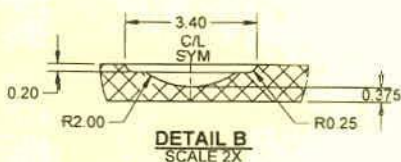
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8 7 6 5 4 3 2 1

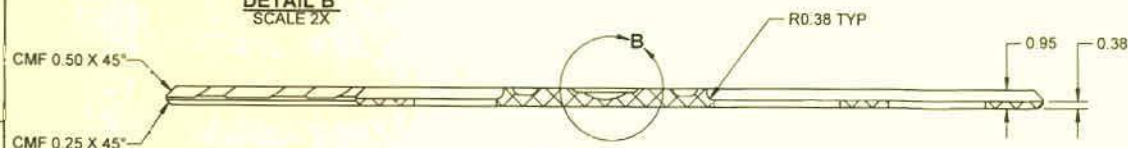


D4901-1 AFT SKIPAW LH

6X Ø 0.266 THRU ALL
CBORE Ø 0.950 X 0.50 DP
CSK Ø 1.00 X 90°, NEAR SIDE



DETAIL B
SCALE 2X



SECTION A-A
SCALE 2X

NOTES:

- 1) MATERIAL: BLACK UHMW TIVAR 1000 VIRGIN MATERIAL SHEET, 1.00 THICK
REF DART SPEC MUHMWB100
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: ENGRAVE WITH P/N "D4901-1" AND B/N USING 0.13 HIGH LETTERS TO MAX. DEPTH OF 0.010". AS PER QSI 044, METHOD 6.3
ENGRAVE "DART AEROSPACE" LOGO AS SHOWN, MAX DEPTH 0.030" WITH MIN. RAD. OF 0.010"
- 7) WEIGHT: 60.99 lbs
- 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE D4901-1-B.IGES

APPROVED

DESIGN	DB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DB		
CHECKED	AP	DRAWING NO.	REV. B
MFG. APPR.	JLM	D4901	SHEET 2 OF 3
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	AFT SKIPAW	NTS
DATE	13.11.22	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD	

RELEASED
2013-12-05

8 7 6 5 4 3 2 1

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

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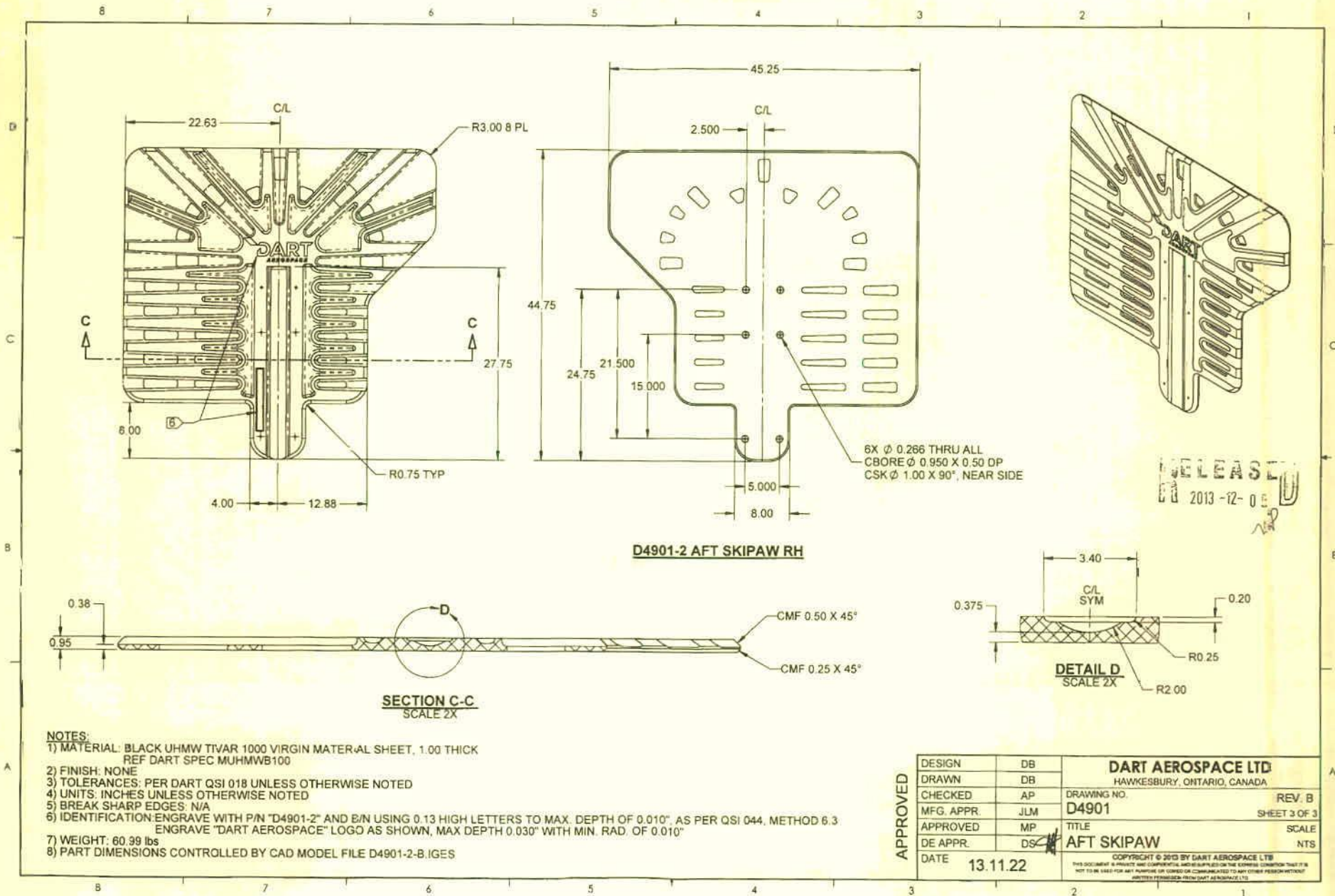
Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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DQA: _____ Date: _____

WORK ORDER NON-CONFORMANCE / UPDATE



QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence
<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge		
<input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other		



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO22691**

Purchase Order Date 1/20/2014

PO Print Date 1/21/2014

Page Number 1 of 1

Order From :

VC-WMP001

Ship To : DART AEROSPACE LTD

WEJAY MACHINE PRODUCTS CO. LTD
600 O'CONNOR DRIVE
KINGSTON, ONTARIO K7P 1N3
CANADA

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

REVISED

Contact Name

Vendor Phone 613-384-1662

Ship To Contact

Ship To Phone

Ship Via: Day & Ross collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

COD

Currency

CAD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	D4901-1P AS PER DWG D4901 REV. B B111634-6	Aft Skipaw, LH	2/24/2014 Yes 2/24/2014		15.00 Each	\$880.00	\$13,200.00
						Line Total:	\$13,200.00
2	D4901-2P AS PER DWG D4901 REV. B B111634-7	Aft Skipaw, RH	2/24/2014 Yes 2/24/2014		15.00 Each	\$880.00	\$13,200.00
						Line Total:	\$13,200.00
						PO Total:	\$26,400.00

Note: Pricing listed above is as per contract agreement between Dart Aerospace and the respective manufacturer.
No substitution or deviation without consent.
Certificate of Conformity or Material Certification required - YES NO
PST# 6122-5207

Change Nbr:

2

Change Date:

1/21/2014

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600 O'CONNOR DRIVE, KINGSTON, ONTARIO K7P 1N3

PHONE: (613) 384-1662


FAX: (613) 384-2997

CERTIFICATE OF COMPLIANCE

CUSTOMER: Dart Aerospace Ltd.		DATE: Feb. 21, 2014	
		P.O.# PO22691	
		WEJAY JOB# 36646	
<p>I hereby certify that the following material has been inspected/tested and conforms to the requirements and specifications as stated in your contract and as noted below. Any exceptions will be listed as NCR items.</p>			
PART NO.	QTY.	PROCESS (ES)	SPECIFICATION / REV
D4901-1P 'Aft Skipaw L.H.' B/N: 111634-6	1	Machined complete per drawing req'ts.	D4901 / rev. B
D4901-2P 'Aft Skipaw R.H.' B/N: 111634-7	1	Machined complete per drawing req'ts.	D4901 / rev. B
Note: 1) Material supplied by Dart Aerospace. 2) Inspection / Test Reports attached.			

Records of Inspection/Test will be retained for 5 years minimum.

Yours truly,


Clifford Smith
Authorized Q.A. Signatory





600 O'CONNOR DRIVE
KINGSTON, ONTARIO
K7P 1N3

INSPECTION / TEST REPORT

JOB No. 36646

PAGE: 1 of 1

CUSTOMER: DART AEROSPACE

CUST. P.O.# P066291

PART No. D4901-1P

DESCRIPTION: Aft Skipaw - LH

DWG No. D4901-1P

REV. B

E.C.O.

MATERIAL: UHMW TIVAR supplied by DART

INSPECTOR:



QUANTITY
REC'D: 15

ACCEPT: 15

REJECT: -

N.C.R.# -

DATE: FEB 20, 2014

INSTRUCTIONS, COMMENTS: BATCH # B111634-6

ITEM REF. No.	CHARACTERISTIC	DETAILS	TOLERANCE	DWG SHT/ZONE	RESULT	QTY. INSP.	COMMENTS (ACC. REJ. REW. NMR #)
1	22.63"				✓	1	Acc.
2	R3.00	8 places			✓	1	Acc.
3	27.75"				✓	1	Acc.
4	R0.75"	Typ.			✓	1	Acc.
5	12.88"				✓	1	Acc.
6	4.00"				✓	1	Acc.
7	8.00"				✓	1	Acc.
8	45.25"				✓	1	Acc.
9	2.500"				✓	1	Acc.
10	44.75"				✓	1	Acc.
11	24.75"				✓	1	Acc.
12	21.500"				✓	1	Acc.
13	15.000"				✓	1	Acc.
14	5.000"				5.000/5.002	1	Acc.
15	8.00"				✓	1	Acc.
16	Dia 0.266 thru	6x			266 TYP.	1	Acc.
17	C-bore .950 x .5"dp	6x			✓	1	Acc.
18	C-sink dia 1.00" x 90 deg.	6x far side			✓	1	Acc.
19	0.95"				✓	1	Acc.
20	0.38"				✓	1	Acc.
21	CMF .5 x 45 deg				✓	1	Acc.
22	CMF .25 x 45 deg				✓	1	Acc.
23	0.375"				✓	1	Acc.
24	3.40"				✓	1	Acc.
25	0.20"				✓	1	Acc.
26	R.25"				✓	1	Acc.
27	R2.00"				✓	1	Acc.
28	IDENTIFICATION	PER NOTE 6			D-4901-1P	1	Acc.
29	BATCH #	" " "			B111634-6	1	Acc.
30	DEBURRING				✓	1	Acc.
31							
32							
33							
34							



600 O'CONNOR DRIVE
KINGSTON, ONTARIO
K7P 1N3

INSPECTION / TEST REPORT

JOB No. 36646

PAGE: 1 of 1

CUSTOMER: DART AEROSPACE

CUST. P.O.# P066291

PART No. D4901-2P

DESCRIPTION: Aft Skipaw RH

DWG No. D4901-2P

REV. B

E.C.O.

MATERIAL: UHMW TIVAR supplied by DART

INSPECTOR



QUANTITY
REC'D: 15

ACCEPT: 15

REJECT: 0

N.C.R.#

DATE:

FEB 19, 2014

INSTRUCTIONS, COMMENTS:

BATCH# B111634-7

ITEM REF. No.	CHARACTERISTIC	DETAILS	TOLERANCE	DWG SHT/ZONE	RESULT	QTY. INSP.	COMMENTS (ACC. REJ. REW. NMR #)
1	22.63"				✓	1	Acc.
2	R3.00	8 places			✓	1	Acc.
3	27.75"				✓	1	Acc.
4	R0.75"	Typ.			✓	1	Acc.
5	12.88"				✓	1	Acc.
6	4.00"				✓	1	Acc.
7	8.00"				✓	1	Acc.
8	45.25"				✓	1	Acc.
9	2.500"				✓	1	Acc.
10	44.75"				✓	1	Acc.
11	24.75"				✓	1	Acc.
12	21.500"				✓	1	Acc.
13	15.000"				✓	1	Acc.
14	5.000"				5.00/5.002	1	Acc.
15	8.00"				✓	1	Acc.
16	Dia 0.266 thru	6x			.265/.268	1	Acc.
17	C-bore .950 x .5"dp	6x			✓	1	Acc.
18	C-sink dia 1.00" x 90 deg.	6x far side			✓	1	Acc.
19	0.95"				✓	1	Acc.
20	0.38"				✓	1	Acc.
21	CMF .5 x 45 deg				✓	1	Acc.
22	CMF .25 x 45 deg				✓	1	Acc.
23	0.375"				✓	1	Acc.
24	3.40"				✓	1	Acc.
25	0.20"				✓	1	Acc.
26	R.25"				✓	1	Acc.
27	R2.00"				✓	1	Acc.
28	IDENTIFICATION	PER NOTE 6			D4901-2P	1	Acc.
29	BATCH#	" " "			B/N: B111634-7	1	Acc.
30	DEBURRING				✓	1	Acc.
31							
32							
33							
34							



Packing Slip 36646

600 O'CONNOR DRIVE, KINGSTON, ONTARIO K7P 1N3
 TEL: 613-384-1662 FAX: 613-384-2997
 www.wejay.com

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Dart Aerospace
 1270 Aberdeen Street
 Hawkesbury ON K6A 1K7

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Dart Aerospace
 1270 Aberdeen Street
 Hawkesbury ON K6A 1K7

INVOICE DATE	YOUR ORDER NO.	DATE ORDERED	SHIPPED VIA
	1021691	01/20/14	Best way
CUSTOMER CODE	PROV. LIC. NO.	Extra <input type="checkbox"/> Exempt <input type="checkbox"/>	TERMS

QUANTITY ORDERED	B.O.	QUANTITY SHIPPED	DESCRIPTION	UNIT PRICE	AMOUNT
15	0	15	Machine All Sides, LH, as per drawing D4901, Rev. B D4901-1P Engrave: BL 1634-8		
15	0	15	Machine All Sides, RH, as per drawing D4901, Rev. B D4901-1P Engrave: BL 1634-9		
Required by: February 24, 2014					

RELEASE NOTE

I certify that the items listed hereon have been inspected and tested and conform to all specifications and requirements in the contract or purchase order.

Inspection Supervisor

[Signature]
 FEB 21/14



G.S.T.

P.S.T.

ORDER: COMPLETE ☐
 PARTIAL ☐

TOTAL

RECEIVED BY

NO GOODS RETURNED WITH
 PRIOR AUTHORIZATION

SPLIT

Work Order ID 111634-7

111634-7

Page 1

Item ID: D4901-2

Accept

N900040100

Setup Start *NS1*

Revision ID:

Item Name: Aft Skipaw, RH

Stop *NS2*

Start Date: 20/01/2014 Start Qty: 15.00

15

Cust Item ID:

Required Date: 20/02/2014 Req'd Qty: 15.00

15

Customer:

Reference:

Approvals:

Process Plan: MPDate: 14-01-20 Tooling:

Date:

Run Start *NR1*

QC:

Date: SPC (Y/N):

Date:

Stop *NR2*

Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
Stamp

Draw Nbr

Revision Nbr

D4901

105

0.00

105

FLOW WATER JET

Waterjet

Memo

0.00

FLOW CNC Waterjet

Cut Blank as per D4901-1-2_BLANK File

8

0

Jm 14-01-19

7

0

Jm 14-01-24

110

0.00

110

Purchasing

Memo

0.00

Purchasing

ISSUE P.O
POSSIBLE SUPPLIER: WEJAY
C OF C REQUIRED

112

0.00

112

Receive & Inspect for Damage & Mat'l Certs

Packaging

Memo

0.00

Packaging

January-20-14 10:57:28 AM

Page 2

Accept

N900040100

Setup Start *NS1*

Stop *NS2*

Start Date: 20/01/2014 **Start Qty:** 15.00

15

Cust Item ID:

Required Date: 20/02/2014 Req'd Qty: 15.00

15

Customer:

Reference:

Run Start *NR1*

Approvals: **Process Plan:** _____ **Date:** _____ **Tooling:** _____ **Date:** _____

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Operation Description

Set Up/ Run Hours

Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
---------	--------	-----------	------------	------------	---------------	-------------

115

QC6- Inspect dimensions to drawing

0.00

115

OE

Memo

0.00

Quality Control

160

Identify as per dwg. & Stock Location:

0.00

160

Packaging

Memo

0.00

Packaging

170

QC21- Final Inspection - Work Order Release

0.00

170

QC

Memo

0.00

Quality Control

Picklist Print

January-20-14 10:57:32 AM

Page 1

Work Order ID: 111634-7

111634-7

Parent Item: D4901-2

D4901-2

Parent Item Name: Aft Skipaw, RH

Start Date: 20/01/2014

Required Date: 20/02/2014

Start Qty: 15.00

Required Qty: 15.00

Comments: IPP REV:A NEW ISSUE JLM VERIFIED BY:DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4901-2P		Purchased	No				Each	0.0000		15			

D4901-2P

Aft Skipaw, RH

MUHMWB10

Purchased

No

sf

534.7082

**

MUHMWB10

UHMW 1" Black - 48"x120"

Tivar Mfg.#52480104

**

Location

Loc Qty

Loc Code

MAT018

534.7082

121278

9.6282

122575

47.6

123229

53

123949

6.96

124758

17.52

m127891

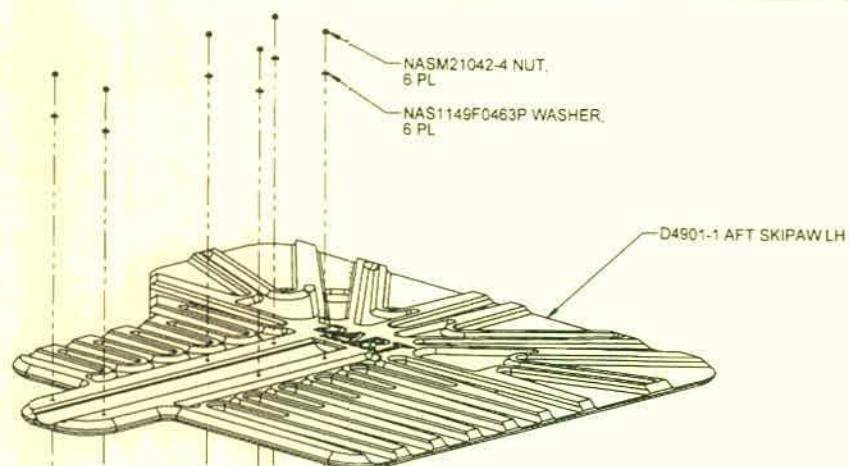
400

128011

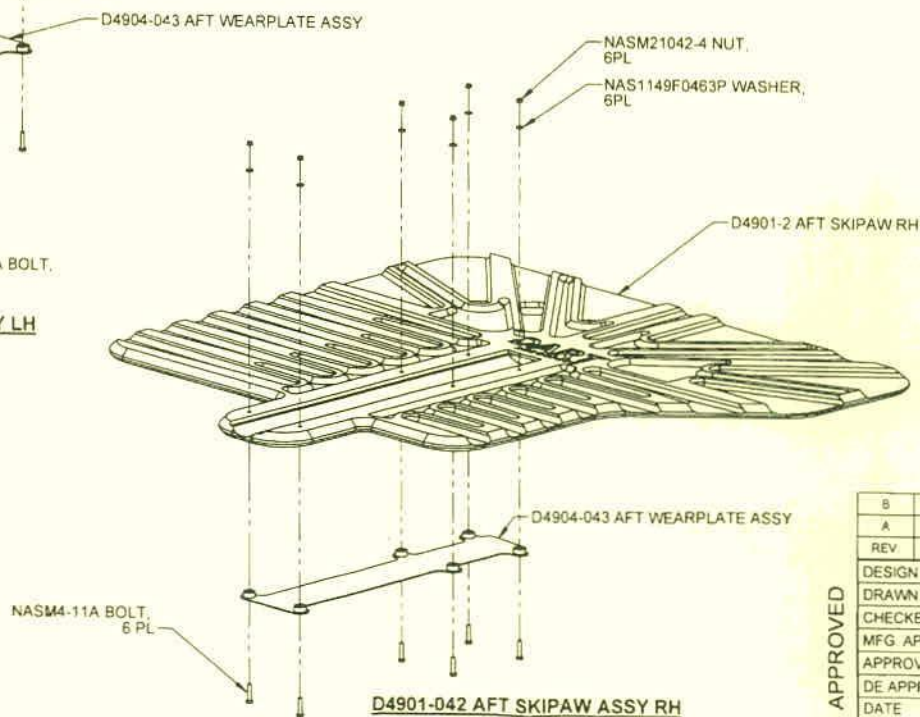
241
135
128011
Jm14-01-24
Jm14-01-19

127891 135 SQ FT.

128011 106 SQ FT



D4901-041 AFT SKIPAW ASSY LH



D4901-042 AFT SKIPAW ASSY RH

ITEM	QTY	P/N	DESCRIPTION
	X	D4901-041	AFT SKIPAW ASSY LH
1	1	D4901-1	AFT SKIPAW LH
2	1	D4904-043	AFT WEARPLATE ASSY
3	6	NASM4-11A	BOLT
4	6	NASM21042-4	NUT
5	6	NAS1149F0463P	WASHER (AN960-416)

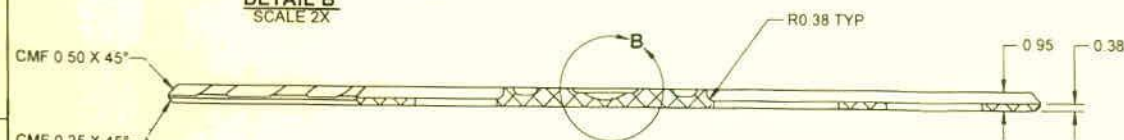
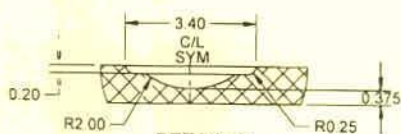
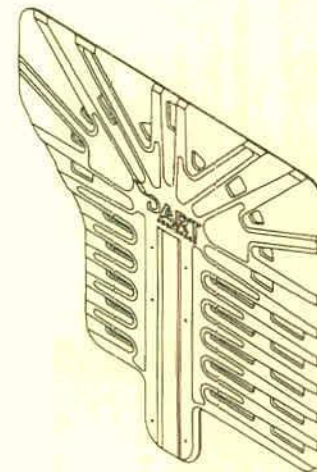
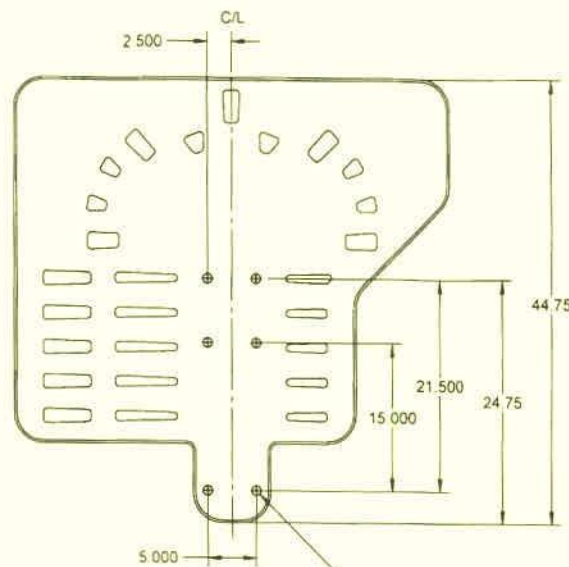
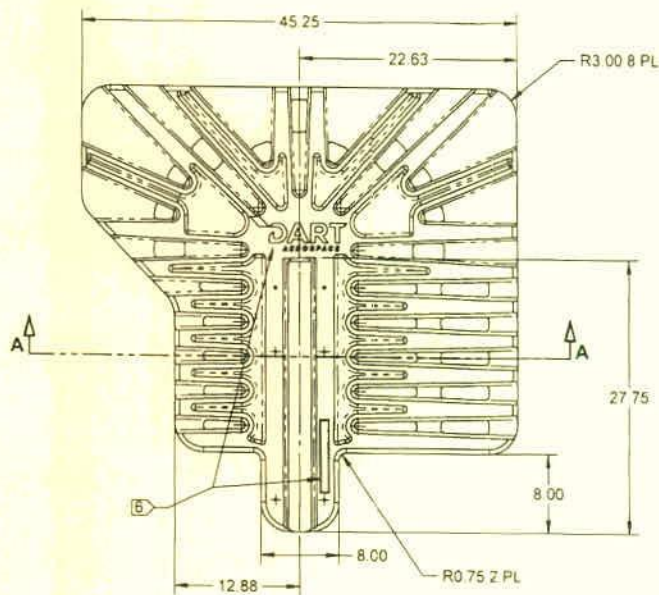
ITEM	QTY	P/N	DESCRIPTION
	X	D4901-042	AFT SKIPAW ASSY RH
1	1	D4901-2	AFT SKIPAW RH
2	1	D4904-043	AFT WEARPLATE ASSY
3	6	NASM4-11A	BOLT
4	6	NASM21042-4	NUT
5	6	NAS1149F0463P	WASHER (AN960-416)

111634-7 MP
14-01-20

RELEASED
2013-12-05

B	REMOVE POCKET DETAIL FROM -1/2 (SH 2, 3)	DB	13 11 20
A	NEW RELEASE	DB	13 07 22
REV	DESCRIPTION	BY	DATE
DESIGN	DB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	DB		
CHECKED	AP	DRAWING NO	REV. B
MFG APPR	JLM	D4901	SHEET 1 OF 3
APPROVED	MP	TITLE	SCALE
DE APPR	DS	AFT SKIPAW	NTS
DATE	13.11.22	COPYRIGHT © 2013 BY DART AEROSPACE LTD THIS DRAWING IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSES OR FOR REPRODUCTION WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.	

APPROVED



D4901-1 AFT SKIPAW LH

6X Ø 0.266 THRU ALL
CBORE Ø 0.950 X 0.50 DP
CSK Ø 1.00 X 90°, NEAR SIDE

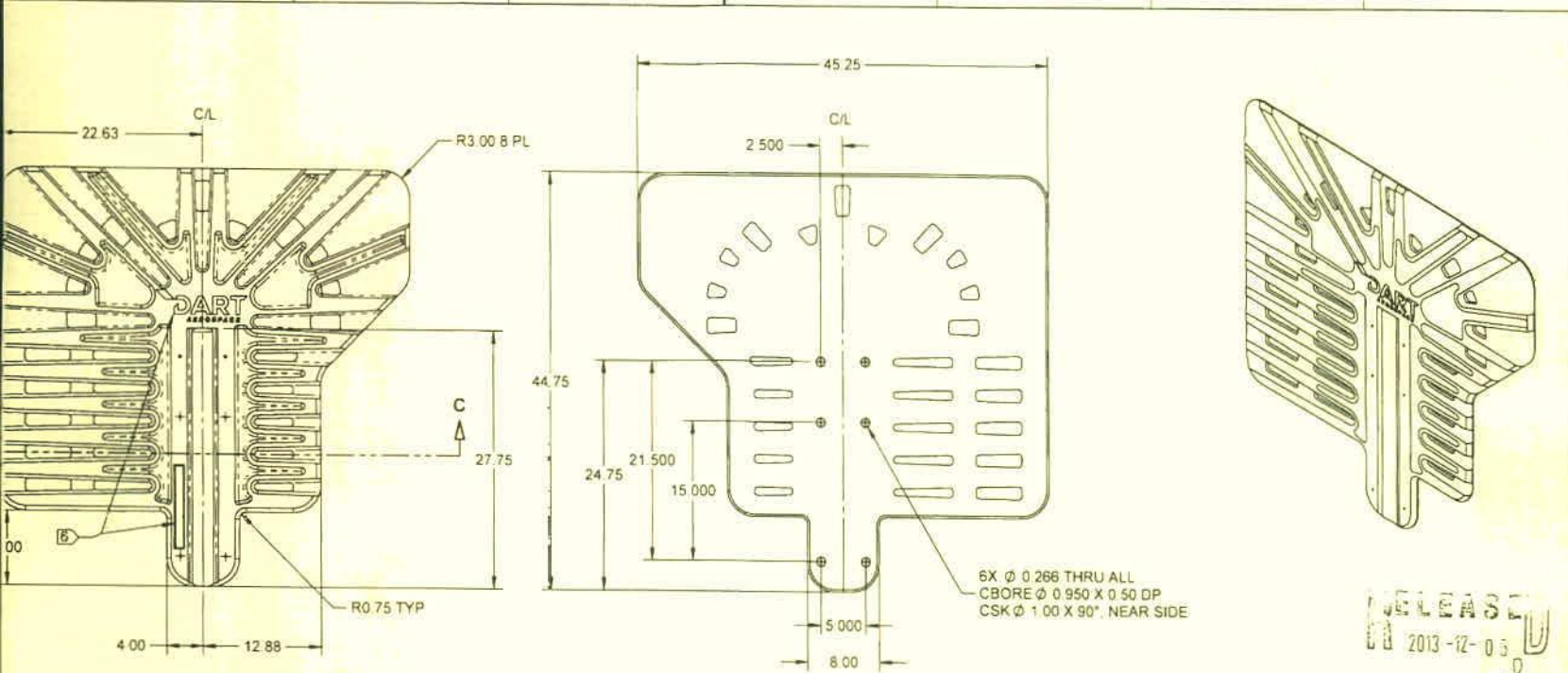
RELEASED
2013-12-05

NOTES:

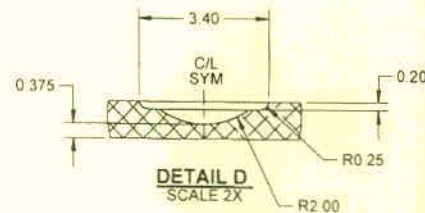
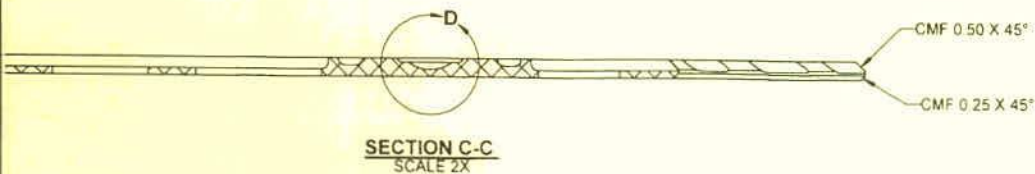
- 1) MATERIAL: BLACK UHMW TIVAR 1000 VIRGIN MATERIAL SHEET, 1.00 THICK
REF DART SPEC MUHMB100
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: ENGRAVE WITH P/N "D4901-1" AND B/N USING 0.13 HIGH LETTERS TO MAX. DEPTH OF 0.010", AS PER QSI 044, METHOD 6.3
ENGRAVE "DART AEROSPACE" LOGO AS SHOWN, MAX DEPTH 0.030" WITH MIN. RAD. OF 0.010"
- 7) WEIGHT: 60.99 lbs
- 8) PART DIMENSIONS CONTROLLED BY CAD MODEL FILE D4901-1-B.IGES

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DESIGN	DB	DART AEROSPACE LTD	
DRAWN	DB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AP	DRAWING NO	REV B
MFG. APPR.	JLM	D4901	SHEET 2 OF 3
APPROVED	MP	TITLE	SCALE
DE APPR.	DS	AFT SKIPAW	NTS
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D4901-2 AFT SKIPAW RH



BLACK UHMW TIVAR 1000 VIRGIN MATERIAL SHEET, 1.00 THICK
REF DART SPEC MUHMWB100

ES: PER DART QSI 018 UNLESS OTHERWISE NOTED
ES UNLESS OTHERWISE NOTED
RP EDGES: N/A

TION: ENGRAVE WITH P/N "D4901-2" AND B/N USING 0.13 HIGH LETTERS TO MAX. DEPTH OF 0.010", AS PER QSI 044, METHOD 6.3
ENGRAVE "DART AEROSPACE" LOGO AS SHOWN, MAX DEPTH 0.030" WITH MIN. RAD. OF 0.010"

99 lbs
NSIONS CONTROLLED BY CAD MODEL FILE D4901-2-B IGES

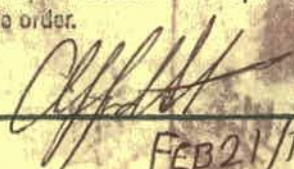
APPROVED

DESIGN	DB	DART AEROSPACE LTD	
DRAWN	DB	HAWKESBURY, ONTARIO, CANADA	
CHECKED	AP	DRAWING NO	REV. B
MFG APPR	JLM	D4901	SHEET 3 OF 3
APPROVED	MP	TITLE	SCALE
DE APPR	DS	AFT SKIPAW	NTS
DATE	13 11 22	COPYRIGHT © 2013 BY DART AEROSPACE LTD	
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Hawkesbury ON K6A 1K7S
H
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T
OAerospace
1270 Aberdeen Street
Hawkesbury ON K6A 1K7

INVOICE DATE		YOUR ORDER NO.		DATE ORDERED		SHIPPED VIA	
		P022691		01/20/14		Best way	
CUSTOMER CODE			PROV. LIC. NO.		Extra <input type="checkbox"/> Exempt <input type="checkbox"/>		TERMS
QUANTITY ORDERED	B.O.	QUANTITY SHIPPED	DESCRIPTION			UNIT PRICE	AMOUNT
15	0	15	Machine Aft Skipaw, LH, as per drawing D4901, Rev. B D4901-1P Engrave: B111634-6				
15	0	15	Machine Aft Skipaw, RH, as per drawing D4901, Rev. B D4901-2P Engrave: B111634-7				
Required by: February 24, 2014							
RELEASE NOTE I certify that the items listed hereon have been inspected and tested and conform to all specifications and requirements in the contract or purchase order.							
Inspection Supervisor			 FEB 21 / 14			WMP 03	
						G.S.T.	
						P.S.T.	

ORDER: COMPLETE ☐
PARTIAL ☐

TOTAL

RECEIVED BY _____
1.5% PER MONTH (18% PER ANNUM)
CHARGED ON OVERDUE ACCOUNTSNO GOODS RETURNED WITHOUT
PRIOR AUTHORIZATION

